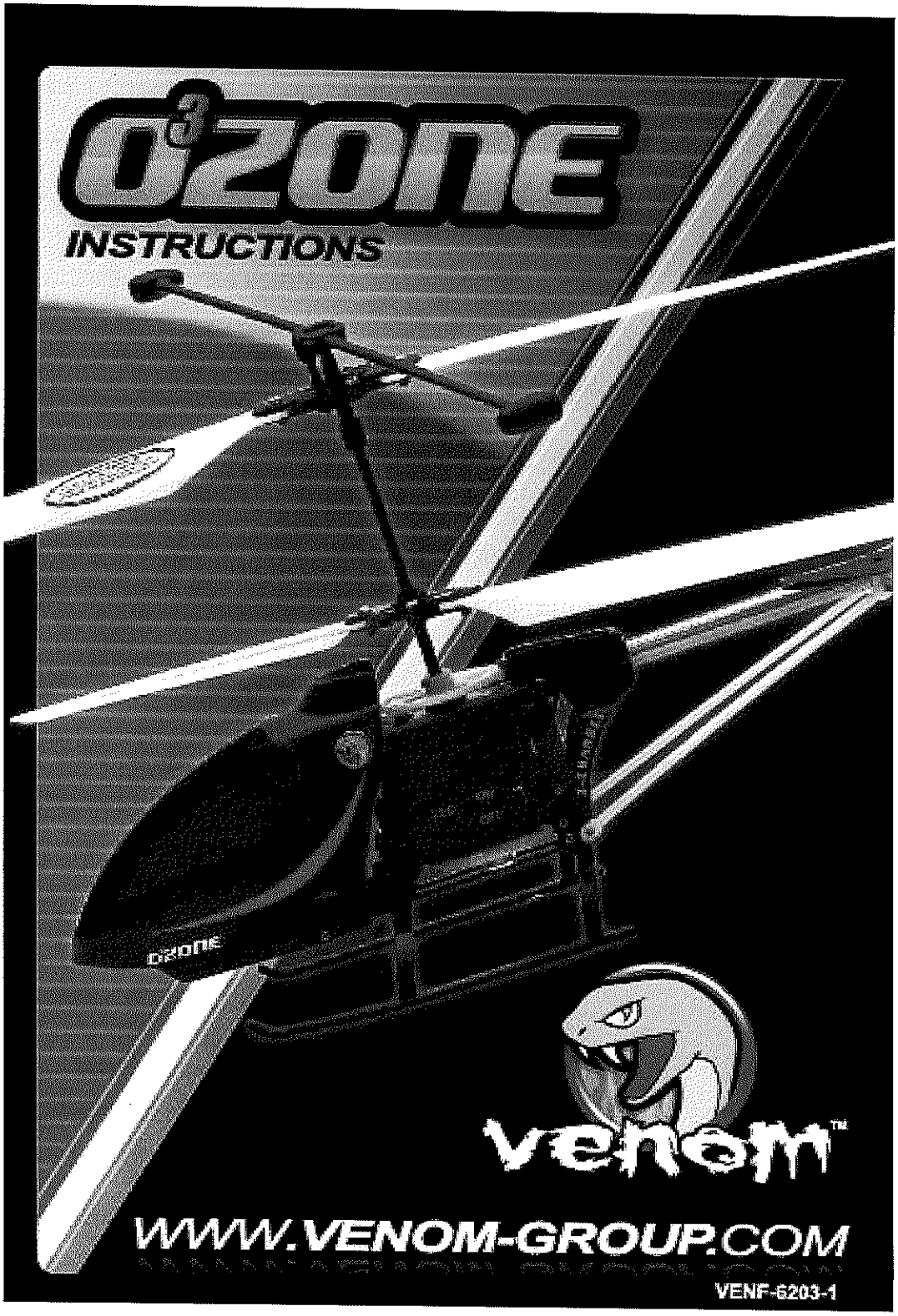
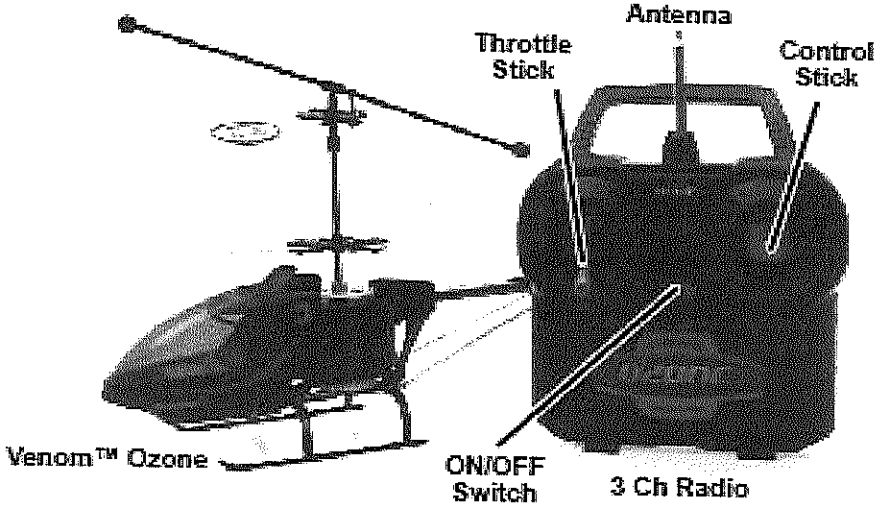
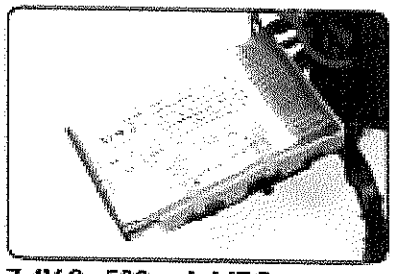

D²ZONE
INSTRUCTIONS
D2ZONE
venom™
WWW.VENOM-GROUP.COM
VENF-6203-1

Ozone

Thank you for purchasing the Venom™ Ozone Electric Helicopter. This easy to fly electric R/C Helicopter was developed with beginning R/C Hobbyists in mind. Beginning pilots will love the larger scale appearance of the Venom Ozone. We hope you have as much fun with your Venom™ Ozone as we did creating it. Not only did you purchase an extremely fun R/C helicopter but you have also joined the Venom Team and it's world class product line and customer service.



LiPO Battery Charger



7.4V 2s 500mah LiPO

IMPORTANT NOTES

1) Read this instruction manual thoroughly before using the Venom™ Ozone
2) Never disassemble or modify the Venom™ Ozone.
3) DO NOT allow children under the age of 14 to use the Venom™ Ozone.
4) Always turn the transmitter on first and off last to avoid an out of control model.

WARNINGS AND INFORMATION

LiPO BATTERY CARE

1. ONLY use the Charger that came with this model. Using any other charging device could damage the batteries and cause fire and personal injury.

2. Always charge batteries in your helicopter. Keep a chemical fire extinguisher nearby in case of fire.

3. Never leave batteries unattended while charging. Always observe batteries when charging so that you may react quickly to any problems that may occur.

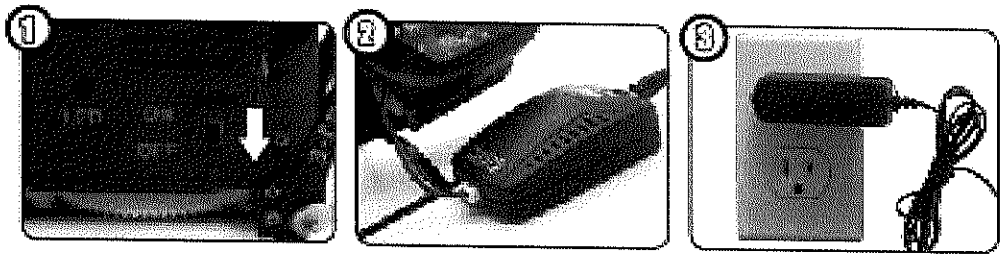
4. If a battery is deformed, swollen or appears damaged, DO NOT CHARGE. IMMEDIATELY DISCARD.
   a. Fill a bucket with enough water to submerge the battery pack completely.
   b. Add salt to the water until no more salt will dissolve; the water is now saturated with salt.
   c. Place the battery pack in the bucket and leave submerged in the salt water solution for 24 hours.
   d. Remove the battery pack from the salt water and test the voltage.
   e. If the voltage does not read 0.0 Volts, re-submerge an additional 24 hours and re-test until the voltage reads 0.0 Volts.
   f. Once the battery pack has been discharged to 0.0 Volts, it is safe to dispose.

5. Do not let exposed battery wires touch each other. This may cause the battery to short and potentially cause a fire.

6. Store your batteries in a cool, dry place between 40-80 F° / 4-26 C°. LIPOs should be charged to 50% of their minimum capacity before being stored.

OPERATING WARNING

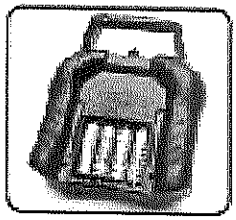
1) Rotating and moving parts such as the rotor blades can cause severe injury. Keep hands, fingers, body parts and clothing away from moving parts.
2) If the battery in the helicopter is damaged in a crash, remove it from the helicopter. Keep battery away from your eyes at all times.
3) Only use the charger that came with your Venom™ Ozone. Do not use other chargers as they may damage the battery.
4) Do not fly the helicopter if the main rotor or tail rotor blades are cracked or damaged. Replace them immediately before flying



PROPER FLYING AREAS

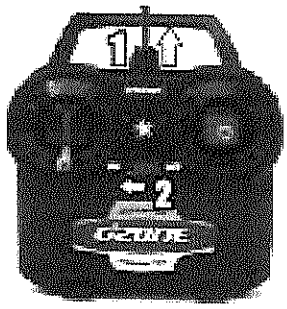
When your Ozone is charged and ready to fly, you need to find a proper flying area. What you need now is a spacious room or an open outdoor area without any obstacles. Make sure that the air is calm. Drafts caused by open windows or doors should be avoided. We recommend a flat, smooth surface on which the Venom™ Ozone can slide, soft carpet and grass is not a good choice for flying off of because it could hook the skid of the helicopter and cause damage. Carpet and grass are good surfaces to fly over because they can provide a softer landing in the event of a crash. Your flying area should be large and free of obstacles such as furniture, trees, power lines, people and animals. Make sure the area you are flying in meets these requirements. Do not fly your Venom™ Ozone in bad weather, high winds or near trees and water.

RADIO PREPARATION



While the Helicopter is charging, screw the antenna clockwise into the top of the transmitter until it is secure. Do not overtighten the antenna to avoid stripping the threads. Remove the battery cover and install 4 new AA batteries. Note: 4 AA batteries are not included with the Venom™ Ozone.

PREFLIGHT PREPARATION



Now you're ready to fly! Follow these steps for final preflight preparation and you'll be flying in no time!

1) Fully extend the transmitter antenna.

2) Turn on the controller and make sure the Red light illuminates brightly.

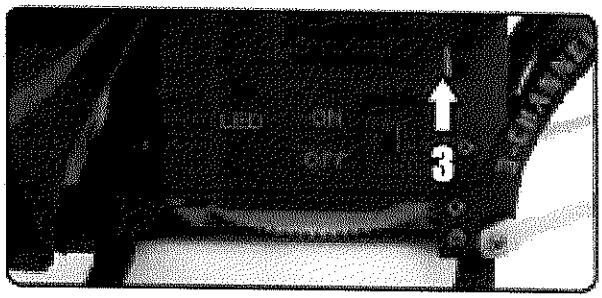
NOTE: Always turn the transmitter "ON" first and "OFF" last to avoid an out of control model.

PREFLIGHT PREPARATION CONT.

3) Turn on the Venom™ Ozone by moving the switch to the "ON" position.

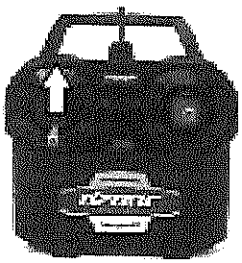
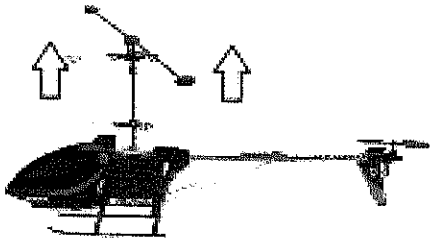
4) Make sure your area is clear of people and obstacles and move to the next section to get your Ozone Airborne!

NOTE: Always turn the transmitter "ON" first and "OFF" last to avoid an out of control model.

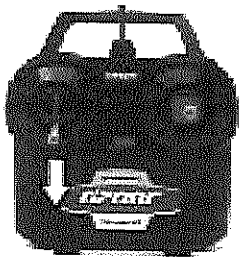
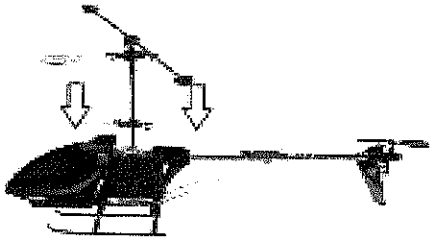


FLYING THE OZONE

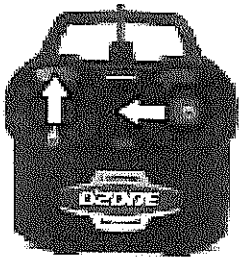
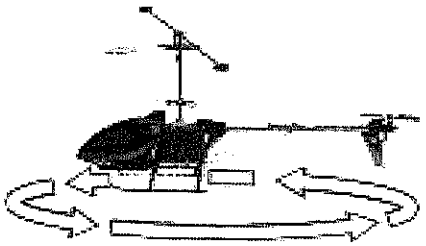
1) Increase the Throttle stick to increase the speed of the main rotor.
The faster the rotor spins the more lift it generates making the helicopter increase altitude.

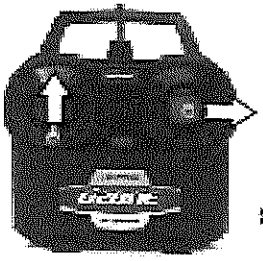
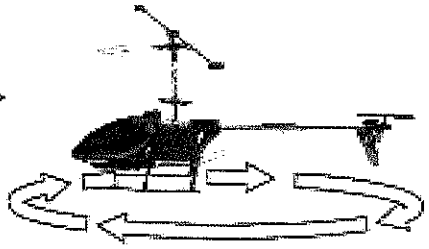
2) Decrease the Throttle stick to decrease the speed of the main rotor.
The slower the rotor spins the less lift it generates making the helicopter lose altitude.

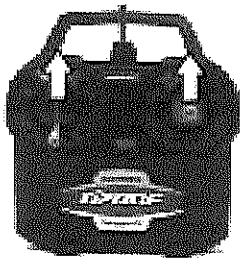
3) Push the Control stick to the left to rotate the helicopter left or "counter clockwise".

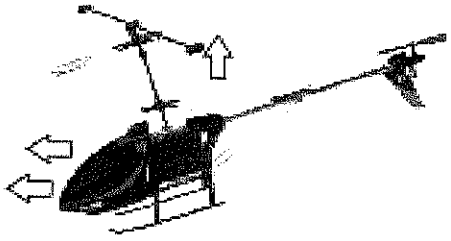



4) Push the Control stick to the right to rotate the helicopter right or "clockwise".

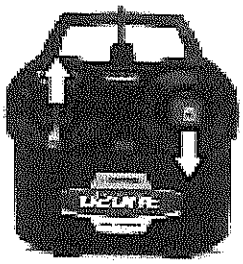



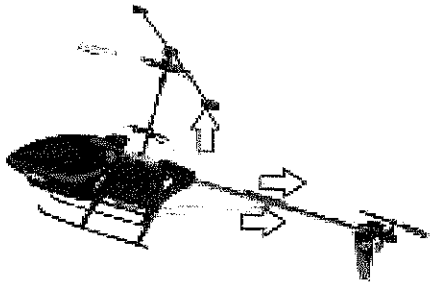
8) To move the Ozone forward simply push the throttle up and push up on the control stick.



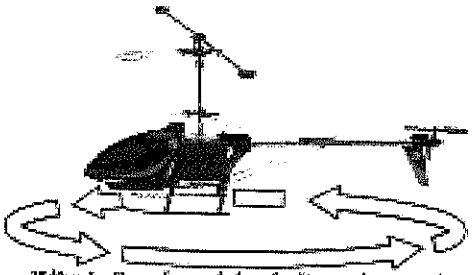


9) To move the Ozone backwards simply push the throttle up and push down on the control stick.

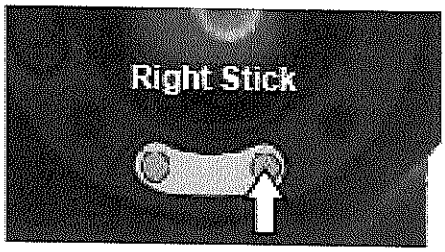




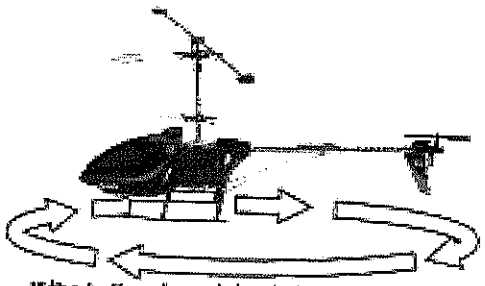
TRIMMING THE VENOM™ OZONE
The Venom™ Ozone is very stable in flight but slight deviations in tail movement will be unavoidable. If the helicopter rotates dramatically by itself without any Control stick input, you may need to adjust the Trim switch on the Radio. Don't worry, it just sounds difficult.



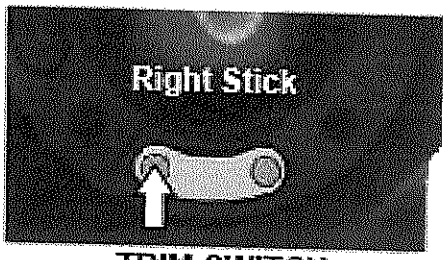
If the helicopter rotates to the left, Push the right side of the trim switch.



TRIM SWITCH



If the helicopter rotates to the right, push the left side of the trim switch.



TRIM SWITCH

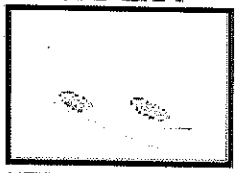
TROUBLE SHOOTING

Description	Possible Problem	Solution
Transmitter Doesn't Work.	1) Power Switch is off. 2) Batteries are not installed or incorrectly installed. 3) Batteries are old or dead.	1) Turn Power Switch on. 2) Make sure batteries are installed correctly. 3) Replace Batteries.
Out of Control Helicopter.	1) The transmitter is off. 2) Transmitter antenna is loose or not fully extended. 3) Flying in wind that is too strong.	1) Turn Power Switch on. 2) Tighten or fully extend antenna. 3) Do not fly in strong wind.
Helicopter will not fly.	1) Rotor blades are not spinning fast enough. 2) Battery is not fully charged.	1) Apply more throttle. 2) Fully charge battery before flying.

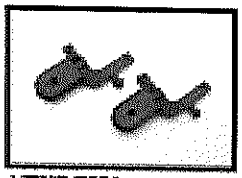
CARE AND MAINTENANCE

1) Always remove the batteries from the transmitter when it is not being used for long periods of time.
2) Keep the model away from direct heat.
3) Do not submerge the model into water as it can damage the electronics.

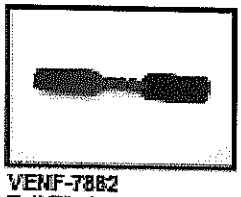
PARTS LIST



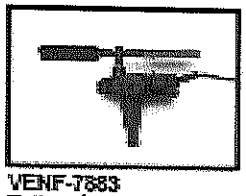
VENF-7880
Main Blades



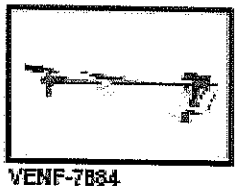
VENF-7881
Main Blade Grips



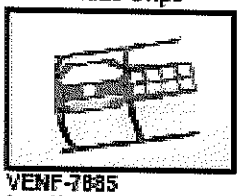
VENF-7882
Tail Blade



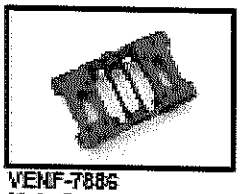
VENF-7883
Tail Motor Assembly



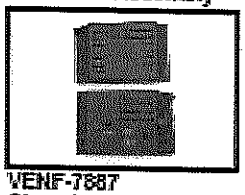
VENF-7884
Boom & Tail Assembly



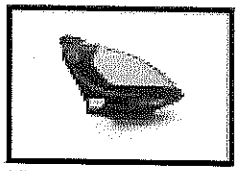
VENF-7885
Landing Gear



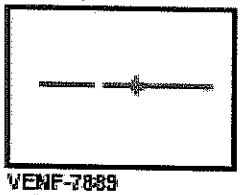
VENF-7886
Main Frame



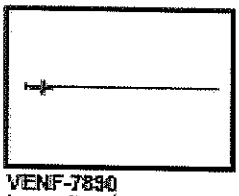
VENF-7887
Chassis Covers



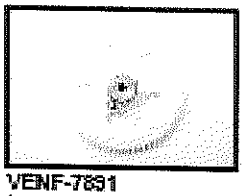
VENF-7888
Canopy



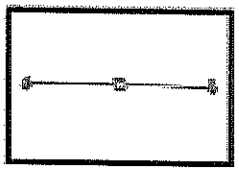
VENF-7889
Outershaft & Upper Gear



VENF-7890
Inner Shaft

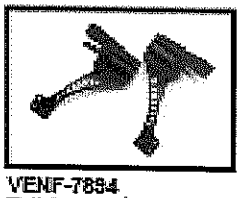


VENF-7891
Lower Gear & Hub

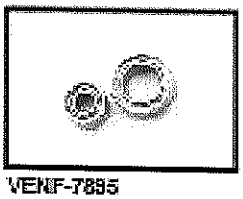


VENF-7892
Stabilizer Pole

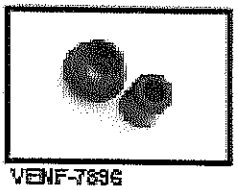
VENF-7893
Control Links



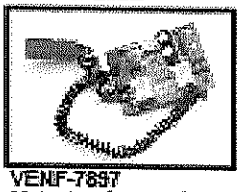
VENF-7894
Tail Support Bars



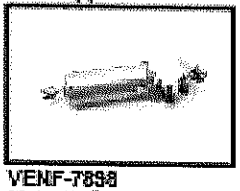
VENF-7895
Bearing Kit (2pcs, 1ea size)



VENF-7896
Upper & Lower Bearing Retainers

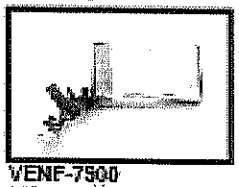


VENF-7897
Main Control Unit

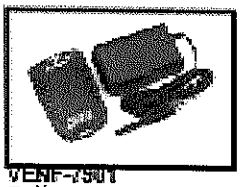


VENF-7898
Main Motor

VENF-7899
Motor Heat Sink



VENF-7500
LiPO Battery Pack



VENF-7501
Battery Charger

ORDERING REPLACEMENT PARTS

Venom makes it really easy if you need to order replacement parts for your Venom™ Ozone. You can call our toll free 800 number Monday through Friday, 8:00am to 4:00pm Pacific Standard Time. You can also e-mail our helpful customer service department at customerservice@venom-group.com. For the fastest parts replacement, visit our online store at www.venom-group.com for convenient 24hr online ordering 7 days a week.

Customer Service
800.705.0820

customerservice@venom-group.com
www.venom-group.com

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The information in this handbook is distributed on an "As Is" basis, without warranty. While every precaution has been taken in the preparation of the handbook, Venom Group™ does not have any liability to any person or entity with respect to any loss or damage caused or alleged to be caused directly or indirectly by the instructions contained in this handbook or by the products described in it.

Compliance with FCC regulations (Valid in U.S. only) This device complies with part 15 FCC rules. Operation of this device is subject to the following two conditions:
1. This device may not cause harmful interference.
2. This device must accept any harmful interference that may cause undesired operation.

This device generates and uses radio frequency energy and if not used properly may cause interference to radio and television reception. It has been tested and found to comply with the limits set by the FCC which are designed to provide reasonable protection against such interference.

FCC Warning:
CAUTION: Venom™ is not responsible for any radio or TV interference caused by unauthorized modifications to this product. Changes or modifications not authorized by Venom™ will void all warranties.

NOTE: This product has been tested and found to comply with the limits for a Class B digital device, compliant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This product generates, uses and can radiate radio frequency energy and, if not installed and used as instructed, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this product does cause harmful interference to radio or television reception, which can be determined by turning the product on and off, correct the interference by trying one or more of the following measures:
- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from the receiver.
- Consult the dealer or an experienced radio/TV technician for help.

VENOM™ LIMITED WARRANTY:
Venom™ warrants this product to be free of material and workmanship defects when new. If a component is defective or was not correctly made, Venom™ will, at its sole discretion, repair or replace it free of charge within 90 days from date of purchase. If you believe a defect became evident only after operation, please contact us to discuss the situation. A dated & itemized sales receipt must accompany any product returned for warranty work. Before returning any product, please contact Venom™ Customer Service at 800-705-0820 to receive a Return Merchandise Authorization Number (RMA#).

GUARANTEE:
We guarantee this product to be free of manufacturing faults and material defects. This product has been checked and adjusted individually before leaving the manufacturer. Please contact your local retailer for replacement parts and technical support or contact Venom™ Customer Service at 800.705.0820 or customerservice@venom-group.com. Copyright © 2005 by Venom™ NOTE: This Product Subject to Change

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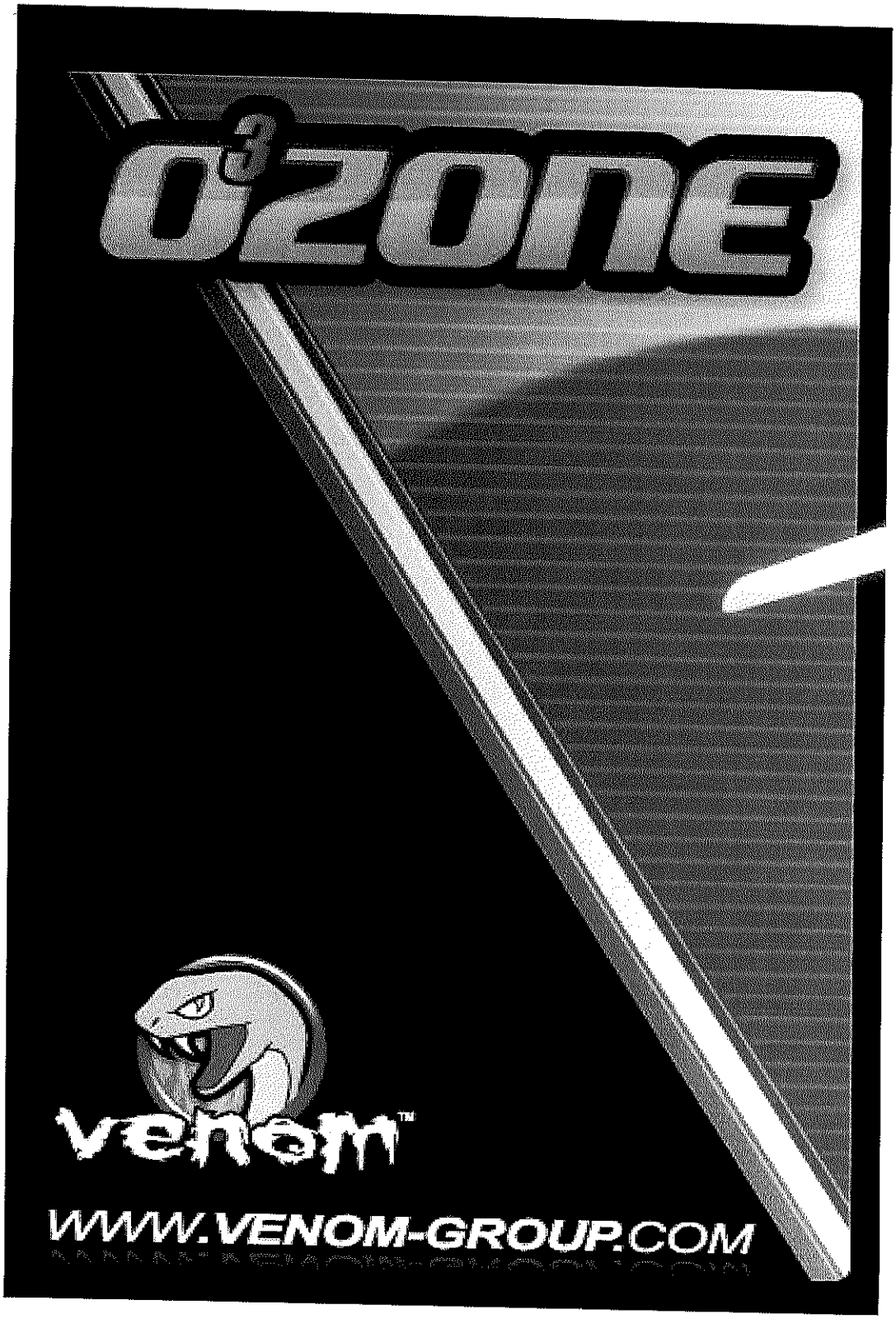
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